

# Comparisons of Job Characteristics

Focus Occupation: **Geographers (19-3092)**

Associated Occupation: **Geography Teachers, Postsecondary (25-1064)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Geographers (19-3092)

Associated Occupation: Geography Teachers, Postsecondary (25-1064)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Geography	3.9	24.2	24.8	0	Current knowledge level may be sufficient
English Language	11.2	18.2	17.2	0	Current knowledge level may be sufficient
Education and Training	9.2	17.9	14.0	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	15.7	15.2	0	Current knowledge level may be sufficient
History and Archeology	2.6	12.5	10.7	<	Expanded education and/or training may be required
Communications and Media	5.3	11.2	7.5	<<	Extensive education and/or training may be required
Philosophy and Theology	3.2	9.7	9.3	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Geographers (19-3092)

Associated Occupation: Geography Teachers, Postsecondary (25-1064)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Instructing	7.8	17.8	11.0	<<	Extensive development of skills in this area may be required
Speaking	10.8	17.3	13.5	<<	Extensive development of skills in this area may be required
Reading Comprehension	10.7	16.7	15.1	<	A higher skill level may be required
Writing	9.2	15.7	15.5	0	Current skill level may be sufficient
Critical Thinking	10.8	14.6	12.9	<	A higher skill level may be required

Learning Strategies	7.2	14.6	10.1	<<	Extensive development of skills in this area may be required
Active Learning	8.7	14.1	12.3	<	A higher skill level may be required
Monitoring	9.9	13.3	9.7	<<	Extensive development of skills in this area may be required
Science	4.5	11.3	13.8	>	Skill level is likely sufficient
Operations Analysis	5.0	9.1	7.9	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Geographers (19-3092)

Associated Occupation: Geography Teachers, Postsecondary (25-1064)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	20.2	15.7	<<	Extensive improvement in abilities may be required
Speech Clarity	10.2	17.3	13.6	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	17.1	14.9	<	Some improvement in abilities may be required
Written Expression	9.8	16.6	15.2	0	Current ability level may be sufficient
Written Comprehension	11.0	16.5	14.4	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.0	9.7	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Geographers (19-3092)

Associated Occupation: Geography Teachers, Postsecondary (25-1064)

Work Activities	Exclusivity of Activity
Advise governmental or industrial personnel	28
Analyze social or economic data	63
Collect geographic or physical data	81
Direct and coordinate scientific research or investigative studies	27
Use current social research	62
Use geographical information system (GIS) software	72
Use library or online Internet research techniques	21
Use scientific research methodology	21
Write research or project grant proposals	33
Write scholarly or technical research papers	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Geographers (19-3092)**

**Associated Occupation: Geography Teachers, Postsecondary (25-1064)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.